

Constituent	KIF-ERM.VB.4 [mean] (Downstream)										
	Sediment Concentration (mg/kg dry weight)	<i>C. fluminae</i> Concentrations (mg/kg wet weight) UNTREATED					Bioaccumulation Factors (BAFs) UNTREATED				
		CB.W.C.01	CB.W.C.02	CB.W.C.03	CB.W.C.04	CB.W.C.05	CB.W.C.01	CB.W.C.02	CB.W.C.03	CB.W.C.04	CB.W.C.05
Aluminum	24,333	7.6	NA	3.3	6.9	3	0.000312	NA	0.000136	0.000284	0.000123
Antimony	14.0	0.021	NA	0.018	0.024	0.019	0.0015	NA	0.00128	0.00171	0.00136
Arsenic	96.6	0.54	0.3	0.41	0.51	0.48	0.00559	0.00311	0.00425	0.00528	0.00497
Barium	617	0.97	0.48	0.61	0.76	0.68	0.00157	0.000778	0.000989	0.00123	0.0011
Beryllium	5.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	81.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	1.4	0.072	0.038	0.039	0.072	0.055	0.0514	0.0271	0.0278	0.0514	0.0392
Calcium	9,032	347	166	207	239	239	0.0384	0.0184	0.0229	0.0265	0.0265
Chromium	49.0	0.35	0.23	0.3	0.32	0.28	0.00714	0.00469	0.00612	0.00653	0.00571
Cobalt	19.3	0.1	0.058	0.079	0.091	0.082	0.00518	0.003	0.00409	0.00471	0.00425
Copper	78.5	4.6	3.1	4	4.9	4.4	0.0586	0.0395	0.051	0.0624	0.0561
Iron	21,367	35.7	23.9	29.8	41.1	31.4	0.00167	0.00112	0.00139	0.00192	0.00147
Lead	31.7	0.059	0.032	0.041	0.069	0.047	0.00186	0.00101	0.00129	0.00217	0.00148
Magnesium	2,160	98.3	64.9	78.3	93.1	89.2	0.0455	0.03	0.0363	0.0431	0.0413
Manganese	88.2	1.7	1.3	1.5	1.8	1.9	0.0193	0.0147	0.017	0.0204	0.0215
Mercury	0.1	0.014	0.0094	0.007	0.012	0.0087	0.1	0.0675	0.0502	0.0861	0.0624
Molybdenum	4.2	0.2	0.13	0.12	0.18	0.14	0.0473	0.0307	0.0284	0.0425	0.0331
Nickel	44.4	0.086	0.071	0.06	0.091	0.11	0.00194	0.0016	0.00135	0.00205	0.00248
Potassium	3,435	102	NA	53.7	74	93.7	0.0297	NA	0.0156	0.0215	0.0273
Selenium	7.3	0.51	0.34	0.41	0.54	0.46	0.07	0.0466	0.0563	0.0741	0.0631
Silver	1.4	0.0051	0.0033	0.0046	0.0062	0.0042	0.00364	0.00235	0.00328	0.00442	0.003
Sodium	679.0	228	104	129	178	200	0.336	0.153	0.19	0.262	0.295
Strontium	NA	1.4	0.77	0.97	1.1	0.98	NA	NA	NA	NA	NA
Thallium	2.8	0.052	0.027	0.034	0.05	0.049	0.0185	0.00963	0.0121	0.0178	0.0175
Vanadium	124	0.095	NA	0.061	0.1	NA	0.000769	NA	0.000494	0.00081	NA
Zinc	66	13.4	9	10	13.1	12.4	0.204	0.137	0.152	0.199	0.188

Note: Sediment concentrations were the mean concentrations for VB.4, untreated ash.
BAF - Bioaccumulation Factor [kg body weight (wet weight) / kg sediment (dry weight)].
ND - Not detected above the sample quantitation limit.
NA - Not applicable; a BAF is not calculated if sediment concentrations or bioaccumulation concentrations are ND.